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============================================================
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: markspencer
Timestamp: [year=2009; month=7; day=16; hr=13; min=14; sec=47; ms=224; ]
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Reviewer Comments:
1.
W402              Undefined organism found in <213> in SEQ ID (33)
W402              Undefined organism found in <213> in SEQ ID (34)
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For SEQ ID # 33 through 44, numeric identifier <213> can only be one of three choices, "Scientific name, i.e. Genus/species, Unknown or Artificial Sequence." For all sequences using "Unknown" or "Artificial sequence", for numeric identifier <213>, a mandatory feature is required to explain the source of the genetic material. The feature consists of <220>, which remains blank and, <223>, which states the source of the genetic material. To explain the source, if the sequence is put together from several organisms, please list those organisms. If the sequence is

made in the laboratory, please indicate that the sequence is synthesized. Please make all necessary changes.

2.

W213   Artificial or Unknown found in <213> in SEQ ID (45)

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W213   Artificial or Unknown found in <213> in SEQ ID (53)

W213   Artificial or Unknown found in <213> in SEQ ID (54)

W213   Artificial or Unknown found in <213> in SEQ ID (55)

W213   Artificial or Unknown found in <213> in SEQ ID (56)

W213   Artificial or Unknown found in <213> in SEQ ID (57)

W213   Artificial or Unknown found in <213> in SEQ ID (58)

W213   Artificial or Unknown found in <213> in SEQ ID (59)

W213   Artificial or Unknown found in <213> in SEQ ID (60)

W213   Artificial or Unknown found in <213> in SEQ ID (61)

W213   Artificial or Unknown found in <213> in SEQ ID (62)

W213   Artificial or Unknown found in <213> in SEQ ID (63)

W213   Artificial or Unknown found in <213> in SEQ ID (64) This
error has occured more than 20 times, will not be displayed

The warnings shown above are ok and require no response.
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Application No: 10577003   Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-06-23 16:31:49.350
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 379 ms
Total Warnings: 38
Total Errors: 0
No. of SeqIDs Defined: 72
Actual SeqID Count: 72

Error code   Error Description

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W   402   Undefined organism found in <213> in SEQ ID (37)

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W   402   Undefined organism found in <213> in SEQ ID (40)

W   402   Undefined organism found in <213> in SEQ ID (41)

W   402   Undefined organism found in <213> in SEQ ID (42)

W   402   Undefined organism found in <213> in SEQ ID (44)

W   213   Artificial or Unknown found in <213> in SEQ ID (45)

W   213   Artificial or Unknown found in <213> in SEQ ID (46)

W   213   Artificial or Unknown found in <213> in SEQ ID (47)

W   213   Artificial or Unknown found in <213> in SEQ ID (48)

W   213   Artificial or Unknown found in <213> in SEQ ID (49)

W   213   Artificial or Unknown found in <213> in SEQ ID (50)

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W   213   Artificial or Unknown found in <213> in SEQ ID (52)

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                Input Set:


                Output Set:



              Started:   2009-06-23 16:31:45.971
             Finished:   2009-06-23 16:31:49.350
              Elapsed:   0 hr(s) 0 min(s) 3 sec(s) 379 ms
      Total Warnings:    38
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  No. of SeqIDs Defined:  72
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Error code   Error Description

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W  213       Artificial or Unknown found in <213>  in SEQ ID (59)

W  213       Artificial or Unknown found in <213>  in SEQ ID (60)

W  213       Artificial or Unknown found in <213>  in SEQ ID (61)

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<110>   Kharbanda, Surrender
        Kufe, Donald

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<130>   GENU:005US

<140>   10577003
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<150>   PCT/US2004/034680
<151>   2004-10-21

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<170>   PatentIn version 3.3

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<213>   Homo sapiens

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Val Leu Thr Ala Thr Thr Ala Pro Lys Pro Ala Thr Val Val Thr Gly
            20   25   30

Ser Gly His Ala Ser Ser Thr Pro Gly Gly Glu Lys Glu Thr Ser Ala
        35   40   45

Thr Gln Arg Ser Ser Val Pro Ser Ser Thr Glu Lys Asn Ala Phe Asn
    50   55   60

Ser Ser Leu Glu Asp Pro Ser Thr Asp Tyr Tyr Gln Glu Leu Gln Arg
65   70   75   80

Asp Ile Ser Glu Met Phe Leu Gln Ile Tyr Lys Gln Gly Gly Phe Leu
            85   90   95

Gly Leu Ser Asn Ile Lys Phe Arg Pro Gly Ser Val Val Val Gln Leu
            100   105   110

Thr Leu Ala Phe Arg Glu Gly Thr Ile Asn Val His Asp Met Glu Thr
        115   120   125

Gln Phe Asn Gln Tyr Lys Thr Glu Ala Ala Ser Arg Tyr Asn Leu Thr
    130   135   140

Ile Ser Asp Val Ser Val Ser Asp Val Pro Phe Pro Phe Ser Ala Gln
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aatgctttta ttcctctct ggaagatccc agcaccgact actaccaaga gctgcagaga   240

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Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser
        35   40   45

Thr Glu Lys Asn Ala Phe Asn Ser Ser Leu Glu Asp Pro Ser Thr Asp
    50   55   60

Tyr Tyr Gln Glu Leu Gln Arg Asp Ile Ser Glu Met Phe Leu Gln Ile
65   70   75   80

Tyr Lys Gln Gly Gly Phe Leu Gly Leu Ser Asn Ile Lys Phe Arg Pro
                85   90   95

Gly Ser Val Val Val Gln Leu Thr Leu Ala Phe Arg Glu Gly Thr Ile
            100   105   110

Asn Val His Asp Val Glu Thr Gln Phe Asn Gln Tyr Lys Thr Glu Ala
            115   120   125

Ala Ser Arg Tyr Asn Leu Thr Ile Ser Asp Val Ser Val Ser Asp Val
    130   135   140

Pro Phe Pro Phe Ser Ala Gln Ser Gly Ala Gly
145   150   155

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<213>   Homo sapiens

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cagagaagtt cagtgcccag ctctactgag aagaatgctt ttaattcctc tctggaagat   180

cccagcaccg actactacca agagctgcag agagacattt ctgaaatgtt tttgcagatt   240

tataaacaag ggggtttttct gggcctctcc aatattaagt tcaggccagg atctgtggtg   300

gtacaattga ctctggcctt ccgagaaggt accatcaatg tccacgacat ggagacacag   360

ttcaatcagt ataaaacgga agcagcctct cgatataacc tgacgatctc agacgtcagc   420

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<213> Homo sapiens

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Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly
                20   25   30

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser
            35   40   45

Thr Glu Lys Asn Ala Leu Ser Thr Gly Val Ser Phe Phe Phe Leu Ser
        50   55   60

Phe His Ile Ser Asn Leu Gln Phe Asn Ser Ser Leu Glu Asp Pro Ser
65   70   75   80

Thr Asp Tyr Tyr Gln Glu Leu Gln Arg Asp Ile Ser Glu Met Phe Leu
                85   90   95

Gln Ile Tyr Lys Gln Gly Gly Phe Leu Gly Leu Ser Asn Ile Lys Phe
                100   105   110

Arg Pro Gly Ser Val Val Val Gln Leu Thr Leu Ala Phe Arg Glu Gly
            115   120   125

Thr Ile Asn Val His Asp Val Glu Thr Gln Phe Asn Gln Tyr Lys Thr
        130   135   140

Glu Ala Ala Ser Arg Tyr Asn Leu Thr Ile Ser Asp Val Ser Val Ser
145   150   155   160

Asp Val Pro Phe Pro Phe Ser Ala Gln Ser Gly Ala Gly
                165   170

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cagagaagtt cagtgcccag ctctactgag aagaatgctc tgtctactgg ggtctctttc   180

ttttttcctgt cttttcacat ttcaaacctc cagtttaatt cctctctgga agatcccagc   240

accgactact accaagagct gcagagagac atttctgaaa tgttttttgca gatttataaa   300

caagggggtt ttctgggcct ctccaatatt aagttcaggc caggatctgt ggtggtacaa   360

ttgactctgg ccttccgaga aggtaccatc aatgtccacg acatggagac acagttcaat   420

cagtataaaa cggaagcagc ctctcgatat aacctgacga tctcagacgt cagcgtgagt   480

gatgtgccat ttcctttctc tgcccagtct ggggctggg   519

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<212>   PRT
<213>   Homo sapiens

<400>   7

Met Thr Pro Gly Thr Gln Ser Pro Phe Phe Leu Leu Leu Leu Leu Thr
1   5   10   15

Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly
            20   25   30

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Thr
        35   40   45

Asp Tyr Tyr Gln Glu Leu Gln Arg Asp Ile Ser Glu Met Phe Leu Gln
    50   55   60

Ile Tyr Lys Gln Gly Gly Phe Leu Gly Leu Ser Asn Ile Lys Phe Arg
65   70   75   80

Pro Gly Ser Val Val Val Gln Leu Thr Leu Ala Phe Arg Glu Gly Thr
                85   90   95

Ile Asn Val His Asp Val Glu Thr Gln Phe Asn Gln Tyr Lys Thr Glu
                100   105   110

Ala Ala Ser Arg Tyr Asn Leu Thr Ile Ser Asp Val Ser Val Ser Asp
        115   120   125

Val Pro Phe Pro Phe Ser Ala Gln Ser Gly Ala Gly
    130   135   140

<210>   8
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<213>   Homo sapiens

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cagagaagtt cagtgcccag caccgactac taccaagagc tgcagagaga catttctgaa   180

atgttttttgc agatttataa acaagggggt tttctgggcc tctccaatat taagttcagg   240

ccaggatctg tggtggtaca attgactctg gccttccgag aaggtaccat caatgtccac   300

gacatggaga cacagttcaa tcagtataaa acggaagcag cctctcgata taacctgacg   360

atctcagacg tcagcgtgag tgatgtgcca tttcctttct ctgcccagtc tggggctggg   420

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<211>   130
<212>   PRT
<213>   Homo sapiens

<400>   9

Met Thr Pro Gly Thr Gln Ser Pro Phe Phe Leu Leu Leu Leu Leu Thr
1   5   10   15

Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly
            20   25   30

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser
        35   40   45

Thr Glu Lys Asn Ala Ile Pro Ala Pro Thr Thr Thr Lys Ser Cys Arg
    50   55   60

Glu Thr Phe Leu Lys Trp Pro Gly Ser Val Val Val Gln Leu Thr Leu
65   70   75   80

Ala Phe Arg Glu Gly Thr Ile Asn Val His Asp Val Glu Thr Gln Phe
                85   90   95

Asn Gln Tyr Lys Thr Glu Ala Ala Ser Arg Tyr Asn Leu Thr Ile Ser
            100   105   110

Asp Val Ser Val Ser Asp Val Pro Phe Pro Phe Ser Ala Gln Ser Gly
        115   120   125

Ala Gly
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<213>   Homo sapiens

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cagagaagtt cagtgcccag ctctactgag aagaatgcta tcccagcacc gactactacc   180

aagagctgca gagagacatt tctgaaatgg ccaggatctg tggtggtaca attgactctg   240

gccttccgag aaggtaccat caatgtccac gacatggaga cacagttcaa tcagtataaa   300

acggaagcag cctctcgata taacctgacg atctcagacg tcagcgtgag tgatgtgcca   360

tttcctttct ctgcccagtc tggggctggg   390

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<212>   PRT
<213>   Homo sapiens

<400>   11

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1   5   10   15

Gln Arg Asp Ile Ser Glu Met Phe Leu Gln Ile Tyr Lys Gln Gly Gly
            20   25   30

Phe Leu Gly Leu Ser Asn Ile Lys Phe Arg Pro Gly Ser Val Val Val
        35   40   45

Gln Leu Thr Leu Ala Phe Arg Glu Gly Thr Ile Asn Val His Asp Val
    50   55   60

Glu Thr Gln Phe Asn Gln Tyr Lys Thr Glu Ala Ala Ser Arg Tyr Asn
65   70   75   80

Leu Thr Ile Ser Asp Val Ser Val Ser Asp Val Pro Phe Pro Phe Ser
                85   90   95

Ala Gln Ser Gly Ala Gly
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gtccacgaca tggagacaca gttcaatcag tataaaacgg aagcagcctc tcgatataac   240

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<211> 375
<212> PRT
<213> Homo sapiens

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Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly
                20   25   30

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser
        35   40   45

Thr Glu Lys Asn Ala Val Ser Met Thr Ser Ser Val Leu Ser Ser His
    50   55   60

Ser Pro Gly Ser Gly Ser Ser Thr Thr Gln Gly Gln Asp Val Thr Leu
65   70   75   80

Ala Pro Ala Thr Glu Pro Ala Ser Gly Ser Ala Ala Thr Trp Gly Gln
                85   90   95

Asp Val Thr Ser Val Pro Val Thr Arg Pro Ala Leu Gly Ser Thr Thr
                100   105   110

Pro Pro Ala His Asp Val Thr Ser Ala Pro Asp Asn Lys Pro Ala Pro
         115   120   125

Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr
     130   135   140

Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser
145   150   155   160

Ala Pro Asp Asn Arg Pro Ala Leu Gly Ser Thr Ala Pro Pro Val His
                165   170   175

Asn Val Thr Ser Ala Ser Gly Ser Ala Ser Gly Ser Ala Ser Thr Leu
         180   185   190

Val His Asn Gly Thr Ser Ala Arg Ala Thr Thr Thr Pro Ala Ser Lys
     195   200   205

Ser Thr Pro Phe Ser Ile Pro Ser His His Ser Asp Thr Pro Thr Thr
     210   215   220

Leu Ala Ser His Ser Thr Lys Thr Asp Ala Ser Ser Thr His His Ser
225   230   235   240

Thr Val Pro Pro Leu Thr Ser Ser Asn His Ser Thr Ser Pro Gln Leu
                245   250   255

Ser Thr Gly Val Ser Phe Phe Phe Leu Ser Phe His Ile Ser Asn Leu
                260   265   270

Gln Phe Asn Ser Ser Leu Glu Asp Pro Ser Thr Asp Tyr Tyr Gln Glu
     275   280   285

Leu Gln Arg Asp Ile Ser Glu Met Phe Leu Gln Ile Tyr Lys Gln Gly
     290   295   300

Gly Phe Leu Gly Leu Ser Asn Ile Lys Phe Arg Pro Gly Ser Val Val
305   310   315   320

Val Gln Leu Thr Leu Ala Phe Arg Glu Gly Thr Ile Asn Val His Asp
                  325   330   335

Val Glu Thr Gln Phe Asn Gln Tyr Lys Thr Glu Ala Ala Ser Arg Tyr
              340   345   350

Asn Leu Thr Ile Ser Asp Val Ser Val Ser Asp Val Pro Phe Pro Phe
          355   360   365

Ser Ala Gln Ser Gly Ala Gly
      370   375

<210> 14
<211> 1125
<212> DNA
<213> Homo sapiens

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cagagaagtt cagtgcccag ctctactgag aagaatgctg tgagtatgac cagcagcgta   180

ctctccagcc acagccccgg ttcaggctcc tccaccactc agggacagga tgtcactctg   240

gccccggcca cggaaccagc ttcaggttca gctgccacct ggggacagga tgtcacctcg   300

gtcccagtca ccaggccagc cctgggctcc accaccccgc agcccacga tgtcacctca   360

gccccggaca acaagccagc cccgggctcc accgccccc cagcccacgg tgtcacctcg   420

gccccggaca ccaggccggc cccgggctcc accgccccc cagcccatgg tgtcacctcg   480

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gctaccacaa ccccagccag caagagcact ccattctcaa ttcccagcca ccactctgat   660

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<213>   Homo sapiens

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Met Thr Pro Gly Thr Gln Ser Pro Phe Phe Leu Leu Leu Leu Thr
1   5   10   15

Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly
            20   25   30

Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser
        35   40   45

Thr Glu Lys Asn Ala Val Ser Met Thr Ser Ser Val Leu Ser Ser His
    50   55   60

Ser Pro Gly Ser Gly Ser Ser Thr Thr Gln Gly Gln Asp Val Thr Leu
65   70   75   80

Ala Pro Ala Thr Glu Pro Ala Ser Gly Ser Ala Ala Thr Trp Gly Gln
                85   90   95

Asp Val Thr Ser Val Pro Val Thr Arg Pro Ala